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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/241,515	02/01/1999	ZVI YANIV	3250-627	8839

7590 01/29/2004

KENNETH M. MASSARONI  
3424 CHASELTON COURT  
BERKELEY LAKE, GA 30096

EXAMINER
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PATEL, NITIN

ART UNIT	PAPER NUMBER
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2673

DATE MAILED: 01/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

.09/241,515

Applicant(s)

YANIV, ZVI

Examiner

Nitin Patel

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 October 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-37 is/are pending in the application.
- 4a) Of the above claim(s) 11-13, 29 and 30 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10, 14-28 and 31-37 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Drawings***

1. The drawings are objected to under 37 CFR 1.83(a) because they fail to show physical structure which has layer that positioned in a dynamic region inside the layer described in the specification. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the flat display, liquid crystal display device, FED, EL, Plasma, transmissive, reflective and passive devices, holes and vias apparatus coupling to computer and memory for storing information in dynamic presentation region must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

### ***Claim Rejections - 35 USC § 112***

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claims 1,19 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Holes and vias being non-electronic is not fully explain in figures and in a specification, examiner do not see in a specification a word mention as holes or vias.

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

6. Claims 1,2,3,10,14,18,19,20-21,28,31,32,35,37 is rejected under 35 U.S.C. 102(e) as being anticipated by Ceccarelli (U.S. Patent No. 6,222,532).

As per claims 1, 19 Ceccarelli teaches an apparatus for providing a pictorial representation (In Abstract):

Comprising at least one static presentation region for providing at least a first (In fig.5), unchanging rendering and at least one dynamic presentation region adjacent to at least one static region (Control button In Fig.5), dynamic presentation region (In Col.4 lines 55-56) providing at least a first series of changing renderings, said static presentation region being cast in a first medium and having a plurality of holes formed

therethrough holes openings accommodating the dynamic presentation medium which is cast in a second medium (In Col. 4 lines 48-67 to Col.5 lines 1-6 and Col.5 lines 23-40).

As per claims 2,3,20,21 Ceccarelli teaches plurality of static and dynamic regions (In Fig.5).

As per claim 10, 28 Ceccarelli teaches pictorial representation is an artistic rendering (In col.2 lines 8-10).

As per claim 14,32 Ceccarelli teaches dynamic presentation is a mechanical structure (In Fig.5).

As per claim 18,37 Ceccarelli teaches a memory for storing information to be presented in dynamic presentation region (In Fig.5).

As per claim 35, Ceccarelli teaches a pictorial representation a computer environment (In Fig.5).

As per claim 31, Ceccarelli teaches a static presentation regions may be changed (In Col.5 lines 23-40).

### ***Claim Rejections - 35 USC § 103***

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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8. Claims 4-9,15-17,22-27,33-34,36 rejected under 35 U.S.C. 103(a) as being unpatentable over Ceccarelli (U.S. Patent No. 6,222,532) in view of Novich (U.S. Patent No. 5,811,926).

As per claims 4-9, 22-27 Ceccarelli does not show an apparatus is a liquid crystal display, flat device display, FED, EL, plasma device and group of reflective devices and combination.

Novich teaches an apparatus is a liquid crystal display, flat device display, FED, EL, plasma device and group of reflective devices and combination (In Col.1 lines 31-39).

It would have been obvious to one of ordinary skill in the art, at the time of the invention was made, to allow different types of display device taught by Novich with the display device of Ceccarelli because it would have provided a improved image resolution and faster data image transfer.

As per claim 15-17,33-34,36 Ceccarelli does not teach a projected image and a holograph image region apparatus that connected to I/O for coupling. It would have been obvious to one of ordinary skill in the art that the user could conform and performed particular dynamic image object before editing the operation so it would have communicated portable and also connected with a computer with a network is well known in the art.

### ***Response to Arguments***

9. Claims 1,19 are rejected under 35 U.S.C. 112, first paragraph, as based on a disclosure, which is not enabling. "Holes or vias" in first medium critical or essential to

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the practice of the invention, but not included in the claim(s) is not enabled by the disclosure and also how dynamic regions positioned inside the holes formed through the static regions. See *In re Mayhew*, 527 F.2d 1229, 188 USPQ 356 (CCPA 1976). First medium being holes or vias is not fully explain in figures and in a specification, examiner do not see in a specification a word mention as a dynamic regions positioned inside the holes formed through the static regions.

### CONCLUSION

10. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin Patel whose telephone number is 703-308-7024. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin H Shalwala can be reached on 703-305-4938. The fax phone


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numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-308-9052 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-9618.

NP  
January 22, 2004



**VIJAY SHANKAR  
PRIMARY EXAMINER**